

6-10.ii.1957

L. J. Chinrick

6-2-57

3X603.0 Nyngan

3X630.8 Hermitdale

3X652.8 — *Euc. populifolia* association.
~~*Peakesia frummentata*~~, *Pardillana* sp.,
 flat red compact country sparsely cleared.
Peakesia hospita
 Dominant cover Saffron Thistle over *Stipa*
fulcata with areas free from thistle
 supporting *Atriplex leptocarpem*, *Danthonia* sp.,
Chloris truncata. *Chort. termumifera* 1-4
 with patches of 3 in 1 on local Food-shelter
 habitat.

Genus nov. 5 sp. 1.

3X657.2 Mt. Boppy. *Euc. populifolia*
Perbellia picta, *Goniaca* sp., *Peakesia hospita*
 assoc. leading to base of hill thence
Heteropteryx obscurula, *Macrostoma canina*,
Calceolus glauca with stunted *Euc* sp;
Macrostoma australis, *Pardillana* sp.,
 lower slopes with *Aristida ferichoensis*,
Macrostoma sp., Genus nov. 195 ochracea,
Atriplex sp (prostrate type) and dead *Helipterum*
Oedalus australis, *Tapesta* sp., *Phaulacridium* sp.
 sp. *Ch. termumifera* present 1 in 50

3X685.6 Colbar

3X691.4 Amphitheatre Tank

3X693.5 Stony hill bearing scattered
Peakesia hospita
Acacia aneura and *Gaifera parviflora*
 with *Cassia* sp as a depleted under-

storey. Dominant cover *Vulpia bromoides*
with *Danthonia* sp, *Eragrostis dielsii* &
Helipterum florabunda. Clumps of Saffron
thistle present. Ch. *Terminifera* 150 in
200 yds.

3X708.3 Springfield Tank

3X709.3 *Eremophila mitchelli*, *Acacia*
Stropis maculosa, *Austrocyathus interioris*,
amara excelsa, *Leptera parviflora*.

Peakesia hospita, *Genus nov. 5 sp.*, morabine
compact red country *Ornithocheilus* sp

dominant with *Chloris truncata* as
subordinate, odd *Aristida* clumps with
a *Helichrysum* sp. Moraba on the
latter. Chort. *Termin.* 1 in 50.

3X722.6 Meadows Tank

3X39.5 Camp 6.30 pm. *Coryphoptes*
Genus nov. 45 sp.
like specimens at light

Rained all night. everything soaked
150 kts.

7.2.57 Left camp 6.00 am.

3X59.3 Bulla Bulla Tank,

3765.9 Donald's Plains Tank.

[3766.9] Meat ants sandy rise bearing
Belar, rosewood with some *Euc* intertexta.
Nest approx 10' x 8'

3783.8 Coonavittira Tank

3796.9 Wide shallow water course
bearing patches of *Eragrostis dielsii* and
australasica on heavy flood channel,
banks gently sloping and scalded.
Ch. terminifera 1 in 3. Outbreak
centre complex.

3800.7 Yorce Tank.

3801.8 *Ch. terminifera* 1 in 4.

3808.3 Gibber plain type of country
Ch. terminifera ^{Genus nov. 8 sp. 1} 1 in 6.

3815.7 Caltagera Tank

3837.8 ? Tank.

3846.2 Flood plain *Atriplex* sp,
^{Genus nov. 8 sp. 1}
Bassia sp, *Salsola Kali* and patches
of *Eragrostis dielsii*. *Ch.* 1 in 25
Gen Nov. 8.

3850.0 Wilcannia arrived

3851.7 " " departed

Turned south to Menindee.

3854.3 *Eragrostis australasica* swamp —
claypan in *Kochia sedifolia* sand plain
Ch. *terminifera* 1 in 50.

3858.2 Sand ridge in heavy flood plain.
Peakesia hospita

Food-shelter habitat. *Salsola Kali*,

Atriplex sp. with clumps of *Eragrostis dielsii*

Ch. *terminifera* 1-8. Meat ants nest

on small raised sand dune residue.

3866.7 Edge of flood plain bordered by
Leonora sp., *Uroisa guttulosa*,

Euc. largiflorens. Sand plain margin

Collitery sp. bearing *Kochia sedifolia* with *Enneopogon*

sp. Gen. *Peakesia* sp ♂. Ch 1-10

3879.4 Flood plain margin. Ch. *terminifera*

1-15.

3883.9 Bondley Creek

3903.3 Camp. 7.30pm, Estimated 3mi. running
½ mile prior to 3903.3 in pulling out of bog
1 truck + caravan (two) 1 ute + 1 caravan.

Heteronyx beetles to light at camp.

8.2.57 Left camp 7.30am.

3904.3 [Meat ants] nest on slope of
cane grass swamp - soil silty clay.

3908 Niela Garra H.S. 215 ft's of river -
left river road to follow Telegraph line.

3911.7 Low sandhills supporting *Casuar-*
ina sp with odd *Heterodendron* sp.

Collicera sp, *Umisia guttulosa*, *Oedaleus*
australis, *Epphantus quadrilobus*, *Genus*
Pasture - *Kochia planifolia* bushes well
nov. 95 ochracea, *Peckesia hospita*, *Genus*
spaced with *Enneapogon* sp and *Calceph-*
nov. 8 sp. 1
alus sp mainly on the clay pan
depressions. Ch. Termin 1-10

3929.5 [Meat ants] Sandhill country
bordering cane grass swamp. Nest above
high water level. Ch. Term. 1-50

* 3930.4 * Watercourse with good P.B.C
characters Ch. ^{Term} 1-15.

3946.1 [Meat ants]

3951.0 *Kochia planifolia* association
Umisia guttulosa, *Genus* nov. 95 ochracea
on sand plain - some *Enneapogon* sp

tufts on small depressions otherwise
inter-shrub area free from plant growth.

3952.3 Menindee - Broken Hill rd.

3959.3 Menindee

3966.3 = 3952.3

3978.8 An area of young *Euc. sp.*
Stropis maculosa, *Peperomia hospita*,
mostly regenerates to 12 ft with adjacent
Conidea sp., *Unisa guttulosa*, *Collitera sp.*,
patch of *Chenopodium aricomum* with
Sesuvium quadrilobus, *Austrocyathus interioris*
Stipa ^{*multida*} ~~*var*~~, dry *Helictotrichum florabundum*
and some tufts of *Eragrostis setifolia*

3993.9 Horse Lake Tank

3997.2 Quondong Bridge

4011.2 17 mile creek

4018.9 Outer hills of a stony range
Macraetolota ochracea, *Macrotoma sp.*,
bearing scattered *Acacia aneura* with
Austrocyathus interioris, *Perbellia picta*,
Acacia victoriae along gullies at base
Chorizanthe tenuifera, *Cedrela australis*,
of hills. Dry cover of *Emmenanthe sp.*
Pycnostictus variatus
on hills with *Eragrostis setifolia* and
Rumex obtusifolius at base.

Ch. tenuifera 1-8 on upper slopes &
1-4 at base.

4027.0 Broken Hill (arrived)

4035.7 " " (departed)

4045.7 Stephens Creek Ch. term 1-6

4047.0 Yanco Glen - thence returned
to Broken Hill

4075.8 = 4027.0

4084.9 Mt. Gibbs Hotel

4086.2 Low hills, stoney brane, except

^{genus nov. 4 sp.}
for *Cymbopogon* sp. in gutters.

Camped 10.30 pm.

9.2.57

4086.2 Left camp site. 7.00 am

4101.4 Twenty five mile creek.

4103.1 Marachi Ck

4107.1 Yancowinna Ck.

4115.4 Acacia Ck

4124.0 Little Topar Hotel

4130.1 Acacia aneura association

Urtica guttulosa, *Austroicetes interioris*
on red sand plain country relatively

bare except for patches of *Eragrostis setifolia*

Ch. Terminifera 1-200.

4135.0 Scopa Range Bore.

4144.3 ^{*Peakesia hospita*} Giber flat with shallow
crab holes. Giber areas bare except
for very scattered tufts of grass? Crabholes
with *Tussocky* sp *Digitaria*? with *Bassia*
sp and *Kochia* on margins. Ch. term. 1-50

4146.0 Warung Tank

4151.5 Stony range with *Acacia*
^{*Genus sp. 8 spp.*} *Austroicetes interioris*
sowdenii and odd *Heterodendron* sp with
Cassia eremophila and *Atriplex vesicaria*
as shrub dominant's. Relatively well
covered with *Stipa nitida*, *Kochia* sp,
Bassia paradoxa and much annual
debris. Ch. termin. 1-5.

4151.8 Springs Creek

4161.7 Dolo Tank

4175.9 boomatta Tank

4187.1 Netallie Tank *Stropis maculosa*
1 *Stropis* ♂

4197.0 Wilcannia

4206.1 Mulga Valley Tank

Ch termin 1-25

- 4244.8 Bunker Creek.
 4249.0 Ch. Formen. 1-20
 4258.4 White bluffs
 4290.3 Mulga Valley H.S.
 4298.0 Questa Park H.S.
 4316.6 Willaroy H.S.
 4319.8 Tank —
 4321.0 Camp site 8.00pm.

10.2.57

- 4321.0 Departed 7.00am.
 4326.0 Sand rise bearing *Acacia*
seriatus ^{seriatus} *cremophila*, *Acacia tetragonophylla*,
Dodonea sp, with *Aristida arenaria*
 as a dense matt. Ch. 1-50
 4330.4 Hollow (wide) between sand
 ridges. ^{seriatus} *Acacia* *cremophila*, *Eremophila* sp.
 trees, ^{hospita} *Eragrostis setifolia* in tufts, *Aristida*
arenaria, and a *Helichrysum* sp (green)
 4333.7 Wattle Vale 287 point/s

4339.3 [Meat ants] nest on road. Sand plain.

4344.4 Bore

4351.4 H.S. (new).

4353.4 Yamba H.S. 430 points

Unable to continue west or north due to excessive rains. Turned east.

4354.9 Cut

4355.9 = 4353.6

4357.4 Open sand plain bearing *Uroisa guttulosa*, *Pycnostictus*, scattered *Heterodendron* sp. Tufty pasture *seriatus*, morabine sp. of *Arctida arenaria*, *Eragrostis setifolia*, *Isolene* sp. with *Helipterum*, *Helichrysum*.
Ch. Term 1-50

4361.8 [Meat ants]

4371.2 Curra Bulla Bore

4373.3 *Cassia* sp., *Acacia aneura*, *Peakea hospita*, *Strophisma maculosa*, in scattered forms with *Arctida arenaria*, *Rhus* sp., *Pycnostictus seriatus*, *Genus Eragrostis setifolia*, *Helipterum* sp with *Nov. 95 ochracea*. *Brachycombe* sp. & odd plants of *Eragrostis dielsii*. Ch. Term 1-10

4377.4 Urisino Bore

4385.0 A stoney lateritic ridge bearing
Stropis megala, *Senecio* nov. 95 *ochracea*
Acacia aneura, *Cassia eremophila*, with
Stipa nitida, *Eragrostis setifolia*, *Bassia*
lanius and much dead debris of
Brachycomia helipterum sp. Ch. terr 1-100

4386.2 Mulgandy Bore

4394.5 Womparley Bore

4403.6 Wanaaring

4435.8 Rambar H.S.

4442.1 Tichalooka Bore

4452.3 Dardle Dardle Bore.

4461.0 Woltara Bore

4466.5 Coonery Bore

4473.2 Pison P.T. Bore.

4483.3 Warrego River

4486.0 Goombalie Bore

4489.0 Red sandy country bearing
Senecio nov. 95 *ochracea*, *Senecio* nov. 95 sp.,

Euc. intertexta *Cal. glauca* *Casuarina*
Rhus glabra sp., *Pycnostictus striatus*,
sp. Lithospermum phyllaoides, *Dodonaea* sp.,
Morabine sp.
 with patchy tufts of *Eragrostis setifolia*
Morabine nymph on *Eragrostis seti.*

4495.8 Sebraas Bore

4503.4 Pake Pank

4523.0 Bourke
